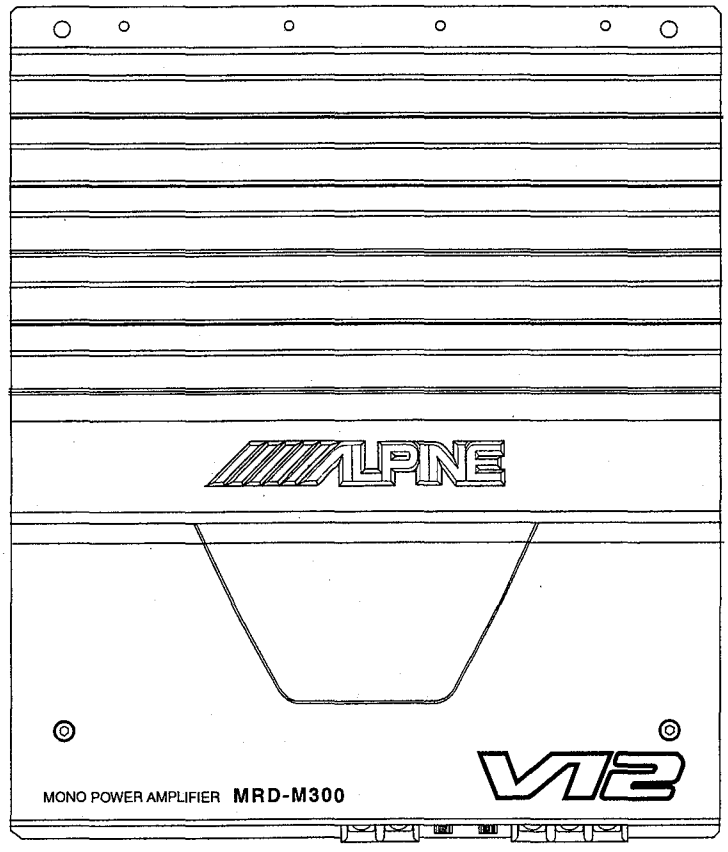
ALPINE

SERVICE MANUAL

MONO POWER AMPLIFIER



MRD-M300

<Cautions for Safe Repair Work>

The following cautions will prevent accidents in the workplace and will ensure safe products.

●The symbols indicate caution is needed to prevent injuries and damage to property.

The symbols and their meanings follow.

⚠ **Warning**	If you ignore this symbol and handle the product incorrectly or unsafely, serious injury or death may result.
⚠ **Caution**	If you ignore this symbol and handle the product incorrectly or unsafely, injury or only material damage may result.

●The following symbols indicate two levels of cautions.

⚠	When you see this symbol, you have to be very careful.
❗	When you see this symbol, you have to follow the instructions there.

⚠ Warning

⚠ **Do not look squarely into the laser light coming from the pickup.** You may loose you sight.	❗ **Fuse Caution** Always use a designated fuse. Use of an incorrect fuse may result in a fire.

⚠ Caution

⚠ **Do not allow wiring to be caught in the screw/chassis.** If wiring is caught in the screw/chassis, it may cause a short circuit, resulting in a fire.	❗ **Battery Caution** Use the designated battery. Confirm the correct polarity and seat of the battery. An incorrect battery or an improperly connected or seated battery may result in a fire.
⚠ **High Temperature Caution** Touching the heat sink may cause severe burns.	❗ **Designated Parts Caution** Look up the part list and ensure that only designated parts are used to prevent problems or accidents.
⚠ **Reverse Power Supply Connections or Misconnections Caution** Reverse power supply connections or misconnections may cause ignition problems and smoke may result.	❗ **Wiring Caution** Ensure that the wiring is correct when rewiring to prevent problems with ignition/breakdown.
⚠ **Soldering Caution** Hot solder from solder splash may cause severe burns.	❗ **Wear Gloves** Wear gloves to prevent electrical shocks or injury from the end face of the metal.

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NOTE : *Due to continuing product improvement, specifications and designs are subject to* change without notice.

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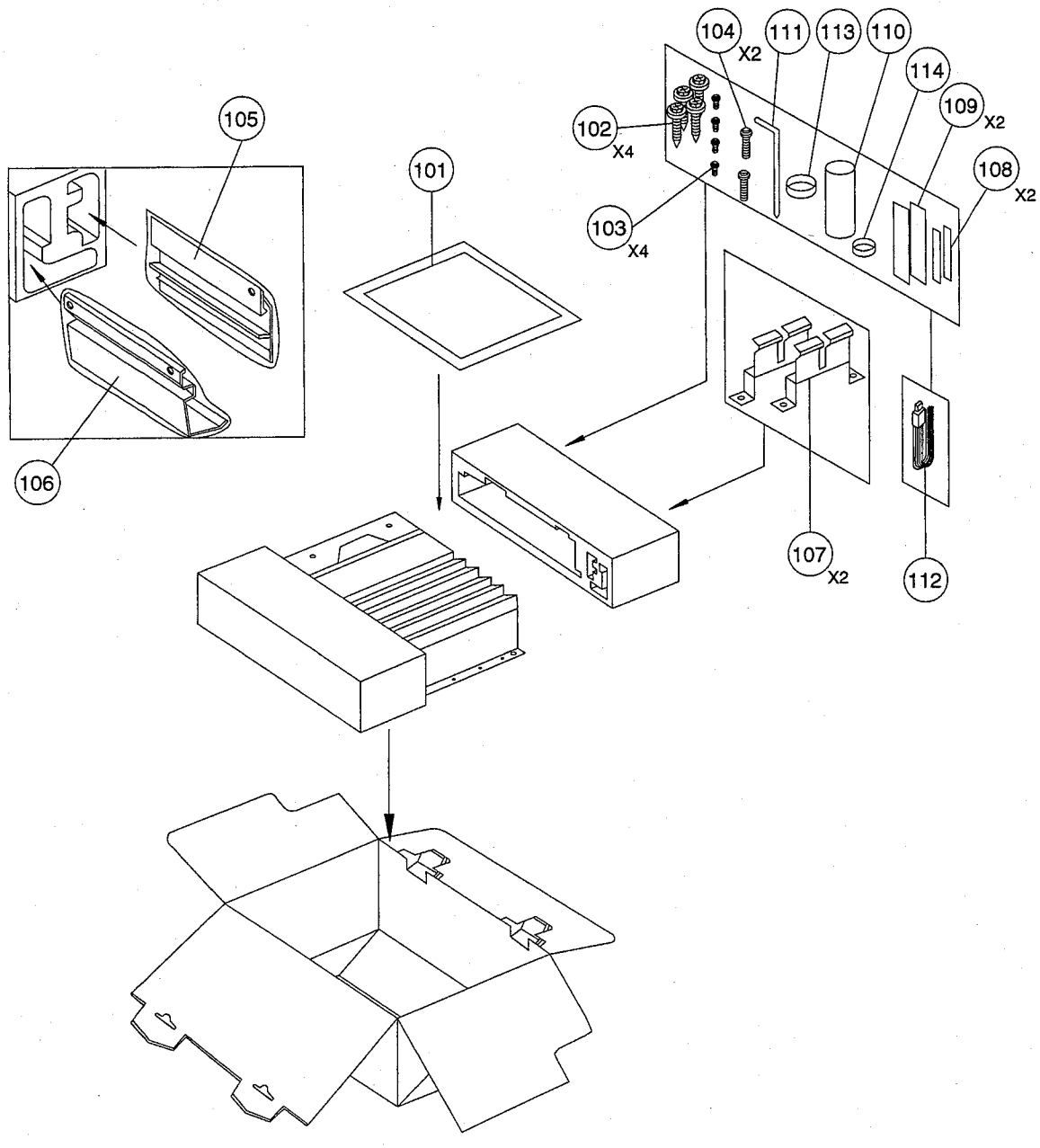
Packing Assembly Parts List

Symbol No.	Part No.	Description
○ 101	68P02294K03	OWNER'S MANUAL
● 101-1	68P02294K28	OWNER'S MANUAL
● 101-2	68P02294K23	OWNER'S MANUAL(I,G,S)
102	03E11447S01	SCR M4X14 TPG1,BLK
103	03E32133S01	SCR M3X5(B) MCH(BLK)
104	03E33366S01	WRENCH BOLT M3X12(WHT)
105	15E33368S01	COVER END
106	15E33369S01	COVER TERMINAL

Symbol No.	Part No.	Description
107	07E33370S01	BKT,SPRING
108	75E33371S01	CUSHION,PAD(A)(35X7)
109	75E33372S01	CUSHION,PAD(B)(50X10)
110	75E33380S01	HOUSING RUBBER-H
111	47E22594S01	WRENCH(6)(2.5mmX2.9mm)
112	01E11136S01	ASS'Y KIT SP-IN WIRE
113	28E20925S01	HOUSING RUBBER-A
114	75E27927S01	HOUSING RUBBER-D

NOTE : ○ : For North American Model Only, ● : For General Foreign Model Only, Others : Common.

Packing Method View

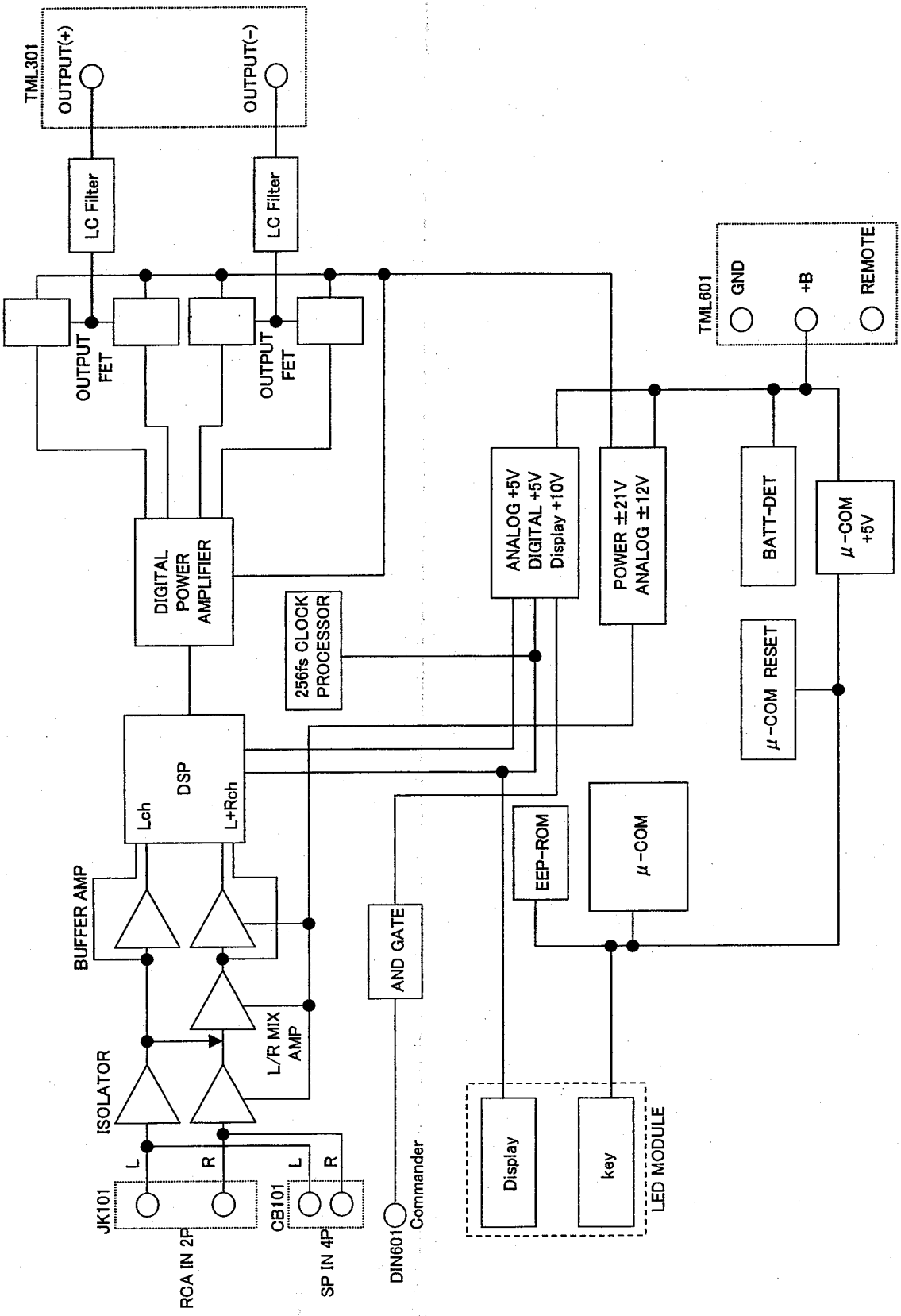


Specifications

Power Output (20Hz, 100Hz)	4ohm, 1% T.H.D., 14.4V : 150W
	2ohm, 1% T.H.D., 14.4V : 280W
T.H.D. (100Hz)	100W/ch/4ohm, 14.4V : 1%
	200W/ch/2ohm, 14.4V : 1%
S/N Ratio (Ref. Output 150W/4ohm, Input short)	80dB
Residual Noise (Input Short)	50mV
Frequency Response (Ref. 100Hz, 0dB)	20Hz : 0±1dB
	350Hz : -6±2dB
Input Impedance	RCA : 50k ohm±10%
	SP : 97k ohm±10%
Input Sensitivity (Power Gain at 150W/4ohm Output)	
RCA 0.5V Input	RCA 0dB : 0±2dB
	RCA -6dB : -6±3dB
	RCA -12dB : -12±3dB
	RCA -18dB : -18±3dB
SP 1V Input	SP 0dB : 0±2dB
Remote on Voltage (1W Output)	6.5±1V
Current Drain	No Signal : 1.5A
	10% T.H.D., 2ohm Load : 48A
	Remote Current Drain : 0.26±0.1mA
	Back-Up Current Drain : 1.2mA
Fuse Requirement	20A ×2 (For Battery Line)
Power Source	DC14.4V (11~16V)
Dimensions (W×H×D)	210×67.6×247mm
Weight	2.8kg

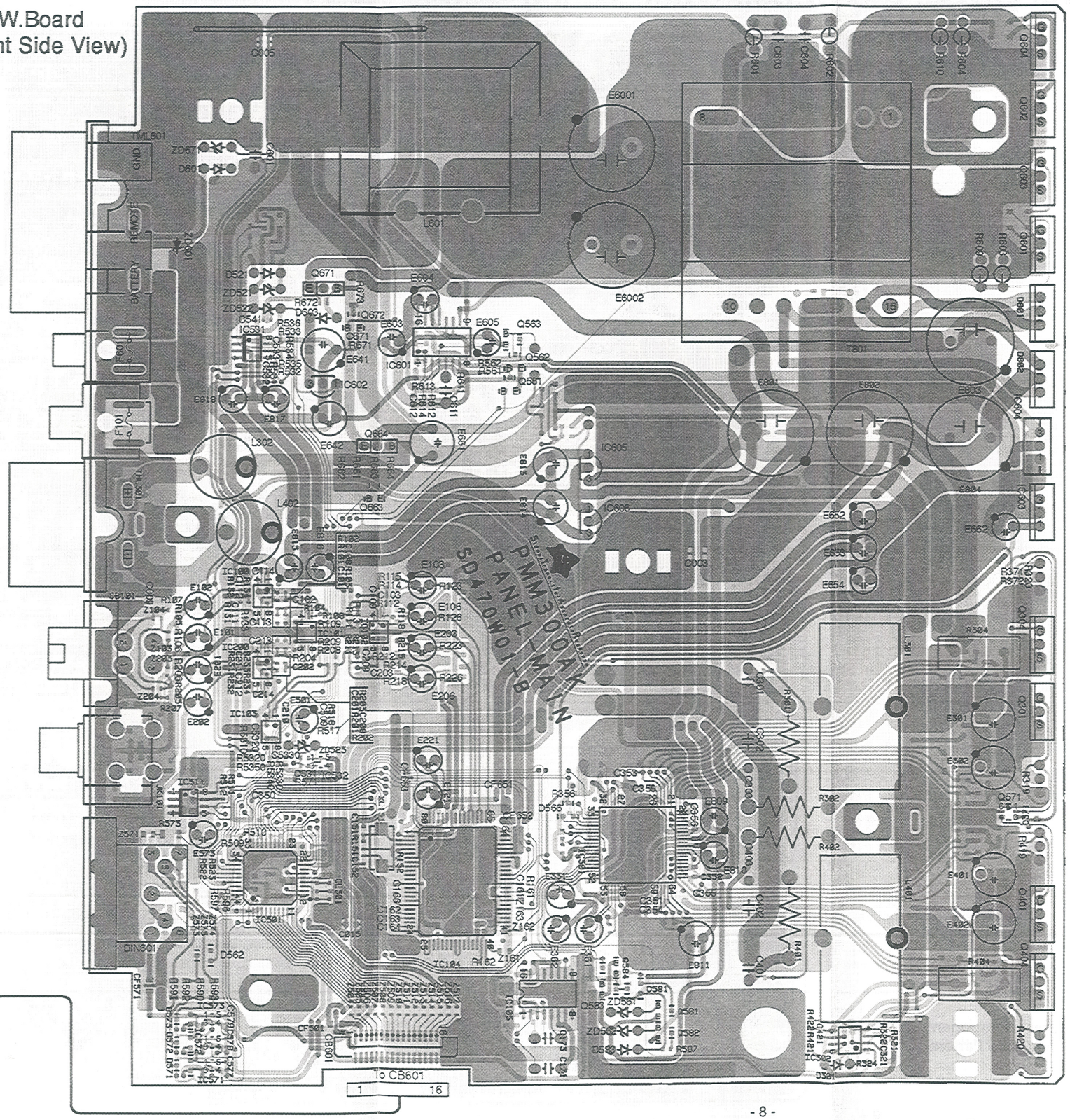
NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.

Block Diagram

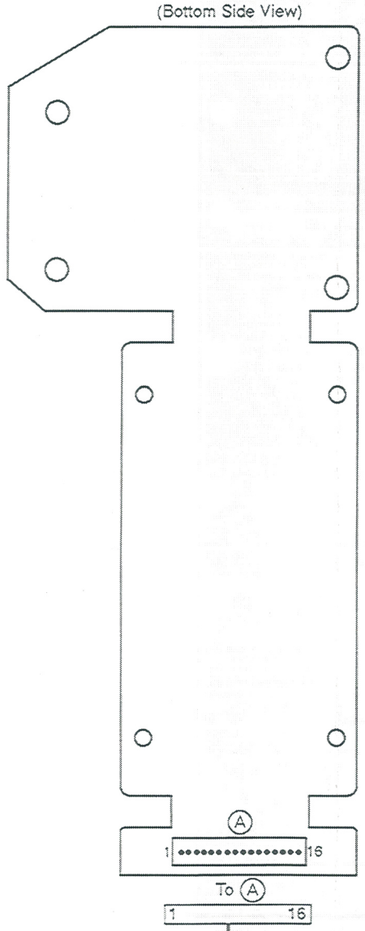


Parts Layout on P.W.Board and Wiring Diagram (1/2)

Main P.W.Board
(Component Side View)



ASS'Y LED MODULE
(Bottom Side View)

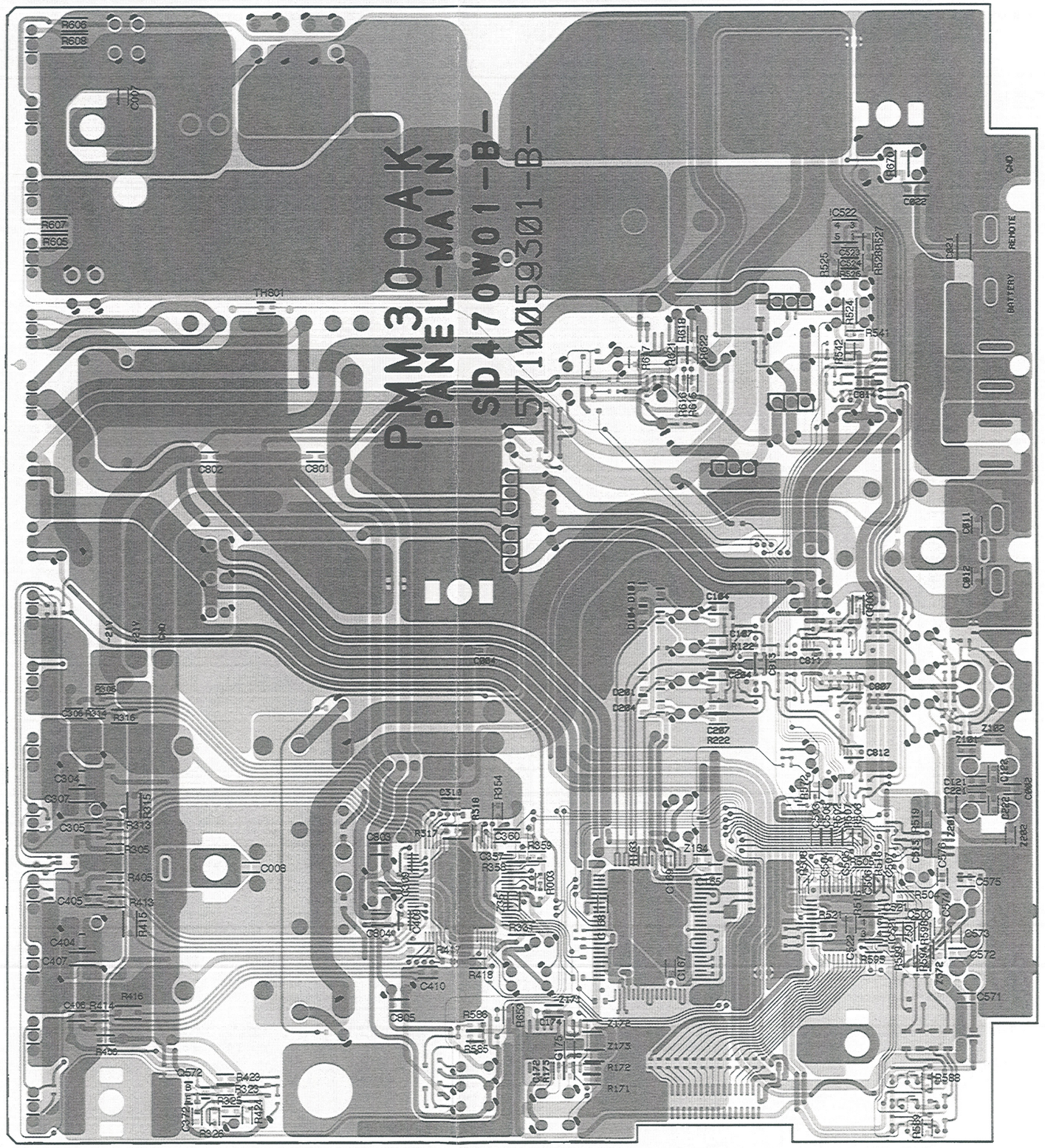


To CB601
1
16

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern

Parts Layout on P.W.Board and Wiring Diagram (2/2)

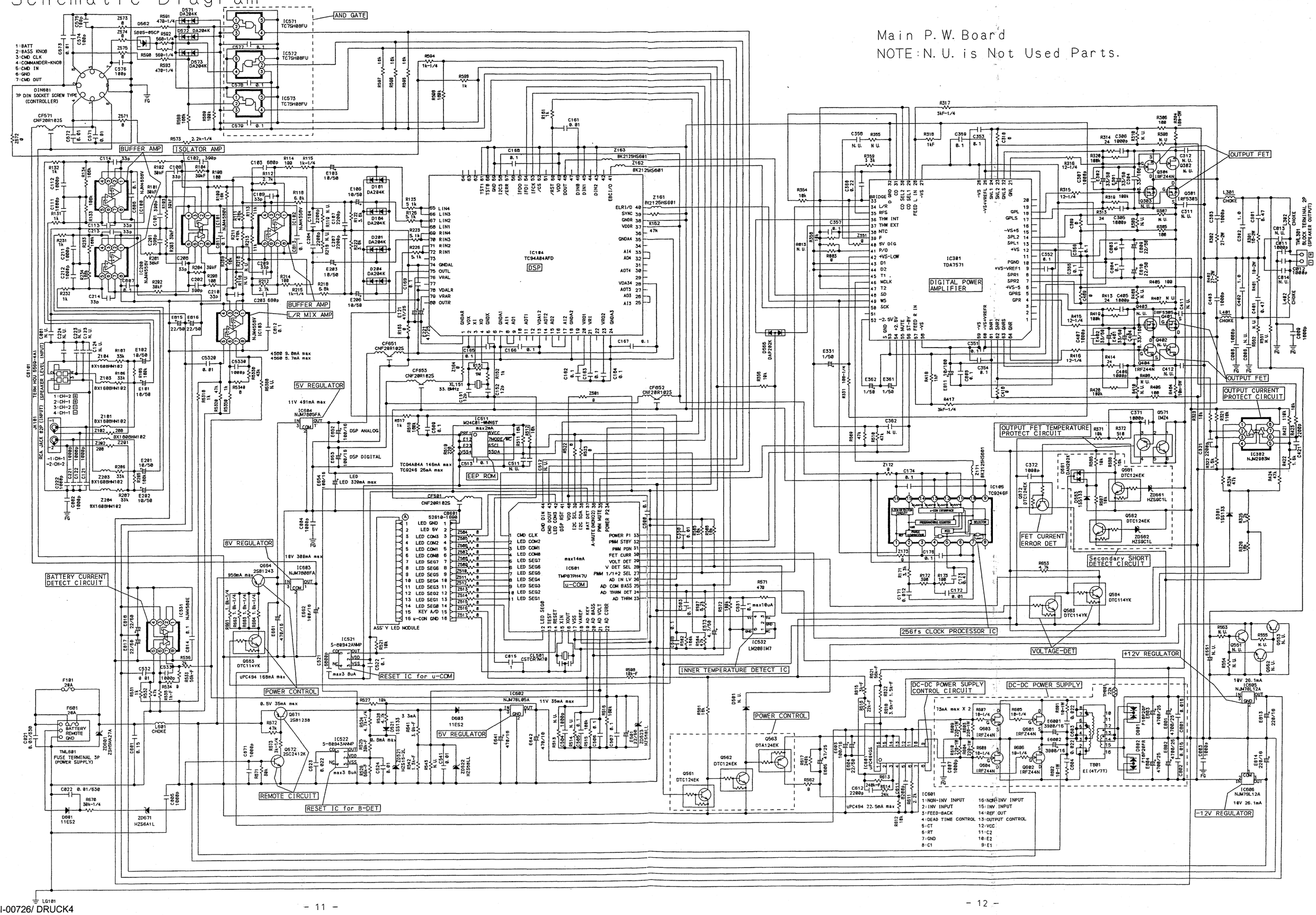
Main P.W.Board
(Foil Side View)



Schematic Diagram

Main P.W. Board

NOTE : N.U. is Not Used Parts.



Terminal Voltage of IC/TR

IC100	
1	5.1m
2	5.1m
3	4.9m
4	-11.79
5	4.8m
6	4.6m
7	4.6m
8	12.07

IC101	
1	1m
2	5.2m
3	5.6m
4	-11.79
5	5.6m
6	5.6m
7	2m
8	12.07

IC102	
1	1.3m
2	1.7m
3	1.1m
4	-11.79
5	2.3m
6	3.3m
7	3.5m
8	12.07

IC103	
1	2.3m
2	2.3m
3	1.8m
4	-11.79
5	1m
6	0.1m
7	-9.6m
8	12.07

IC104									
1	2.9m	17	2.41	33	2.43	49	4.95	65	2.47
2	4.97	18	3.1m	34	NC	50	4.92	66	2.47
3	2.26	19	NC	35	3.1m	51	NC	67	2.47
4	2.29	20	2.48	36	NC	52	4.7m	68	2.47
5	4.7m	21	2.48	37	4.95	53	4.92	69	2.47
6	NC	22	NC	38	4.7m	54	4.92	70	2.47
7	3m	23	2.35	39	4.7m	55	NC	71	2.47
8	2.41	24	3	40	2.51	56	NC	72	2.47
9	2.41	25	2.45	41	2.61	57	NC	73	NC
10	NC	26	2.45	42	NC	58	4.95	74	2.9m
11	NC	27	NC	43	4.7m	59	4.7m	75	2.46
12	NC	28	4.96	44	NC	60	4.7m	76	2.47
13	4.96	29	NC	45	4.7m	61	4.7m	77	NC
14	NC	30	NC	46	4.7m	62	NC	78	4.96
15	2.41	31	NC	47	NC	63	NC	79	2.47
16	NC	32	2.43	48	1.1	64	NC	80	2.46

IC105			
1	2.51	9	4.7m
2	2.69	10	2.28
3	4.95	11	4.95
4	2.69	12	4.95
5	1.62	13	4.7m
6	4.7m	14	4.95
7	4.7m	15	NC
8	NC	16	4.95

IC200	
1	4.5m
2	4.5m
3	4.9m
4	-11.79
5	5.2m
6	5.2m
7	5.2m
8	12.07

IC301									
1	NC	14	21.5	27	-21.1	40	4.88	53	3.0m
2	NC	15	NC	28	12.2m	41	3.3m	54	3.1m
3	NC	16	NC	29	4.85	42	19.55	55	4.91
4	18.46	17	18.43	30	4.85	43	3.3m	56	4.91
5	18.46	18	18.44	31	4.87	44	3.3m	57	10.4m
6	NC	19	NC	32	3.4m	45	4.88	58	-21.1
7	21.5	20	NC	33	4.88	46	2.26	59	-21.1
8	21.4	21	-16.23	34	4.92	47	4.88	60	-11.2
9	11.62	22	-16.31	35	2.62	48	2.44	61	-21.1
10	3.1m	23	-21.1	36	4.87	49	2.51	62	-21.1
11	NC	24	-21.1	37	4.87	50	2.62	63	-16.32
12	21.5	25	-11.23	38	4.85	51	NC	64	-16.24
13	21.5	26	-21.1	39	4.85	52	-2.39		

IC302	
1	4.9
2	-21.1
3	-20.9
4	-21.2
5	-20.9
6	-21.1
7	4.9
8	2m

IC501							
1	1.4m	12	2.33	23	1.43	34	4.9
2	3.74	13	1.4m	24	3.14	35	4.91
3	3.69	14	4.92	25	2.2m	36	4.92
4	3.76	15	1.77	26	2.44	37	4.92
5	1.2	16	2.16	27	4.92	38	4.92
6	2.42	17	1.7m	28	38.6m	39	4.92
7	2.39	18	4.92	29	4.92	40	4.92
8	2.9m	19	4.92	30	4.92	41	4.92
9	2.33	20	4.83	31	4.92	42	3.69
10	3.55	21	3.54	32	4.9	43	4.86
11	2.42	22	62.8m	33	4.86	44	1.4m

IC511	
1	1.3m
2	1.3m
3	1.3m
4	1.3m
5	4.92
6	-0.19
7	1.3m
8	4.93

IC521	
1	4.92
2	4.92
3	1.3m
4	NC
5	1.4m

IC522	
1	4.92
2	8.01
3	1.3m
4	NC
5	1.3m

IC531	
1	2.5m
2	2.5m
3	2.5m
4	-11.79
5	1.2m
6	1.2m
7	62.8m
8	12.07

IC532	
1	1.3m
2	1.3m
3	1.44
4	4.92
5	1.3m

IC571	
1	4.93
2	1.4m
3	1.4m
4	1.4m
5	4.93

IC572	
1	4.93
2	4.87
3	1.4m
4	4.93
5	4.93

IC573	
1	4.93
2	1.4m
3	1.4m
4	1.4m
5	4.93

IC601			
1	1.8	9	0.16
2	1.8	10	0.16
3	4.04	11	14.35
4	0.2	12	14.35
5	1.7	13	4.99
6	3.47	14	4.99
7	1.2m	15	4.99
8	14.35	16	1.1m

IC602	
1	13.7
2	1.2m
3	4.93

IC603	
1	14.34
2	2.7m
3	7.99

IC604	
1	14.34
2	2.7m
3	4.97

IC605	
1	21.5
2	2.1m
3	12.07

IC606	
1	-21.5
2	2.1m
3	-11.79

	1	2	3	4	5	6
Q571	21.5	4.68	4.92	2.1m	21.5	21.5

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	G	D	S
Q301	18.46	※	21.5
Q304	-16.31	※	-21.2
Q401	18.46	※	21.5
Q404	-16.31	※	-21.2
Q601	0.17	14.68	1.7m
Q602	0.17	14.68	1.7m
Q603	0.17	14.68	1.7m
Q604	0.17	14.68	1.7m

NOTE : ※ : Square Wave

	B	C	E
Q561	4.89	11.3m	1.1m
Q562	11.3m	4.97	1.1m
Q563	4.97	0.2	4.99
Q572	2.1m	4.92	2.0m
Q581	12.27	8.1m	3.1m
Q582	-9.22	-21.2	-21.2
Q583	35.4m	5.5m	2.6m
Q584	17.2m	4.92	2.6
Q663	4.86	0.12	1.9
Q664	13.67	14.34	14.38
Q671	13.69	14.36	14.38
Q672	0.67	57m	1.3m

[Measuring Conditions]
- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between GND
- Measuring Condition : No signal input

Description of IC Terminal

TMP87PH47U : IC501

No.	Symbol	I/O	Terminal Description
1	CMD CLK	I	Outer commander clock terminal.
2	LED COM2	O	LED common signal 2 output terminal.
3	LED COM1	O	LED common signal 1 output terminal.
4	LED COM0	O	LED common signal 0 output terminal.
5	LED SEG7	O	LED segment 7 output terminal.
6	LED SEG6	O	LED segment 6 output terminal.
7	LED SEG5	O	LED segment 5 output terminal.
8	LED SEG4	O	LED segment 4 output terminal.
9	LED SEG3	O	LED segment 3 output terminal.
10	LED SEG2	O	LED segment 2 output terminal.
11	LED SEG1	O	LED segment 1 output terminal.
12	LED SEG0	O	LED segment 0 output terminal.
13	TEST	I	TEST terminal.
14	RESET	I	RESET terminal.
15	XIN	I	Crystal OSC connect terminal.
16	XOUT	O	
17	VSS	I	GND connect terminal of A/D converter.
18	VAREF	I	Analog standard voltage terminal.
19	AD KEY	I	KEY level input terminal.
20	AD BASS	I	Gain level input terminal. (Bass Knob)
21	AD VOLT	I	Voltage signal input terminal.
22	AD CURR	I	Current signal input terminal.
23	AD THRM	I	Temperature signal input terminal.
24	AD THRM DET	I	Temperature detect input terminal.
25	AD COM BASS	O	Gain level input terminal. (Commander)
26	AD IN LV	I	Input level signal input terminal.
27	PWM 1/1+2 SEL	O	PWM-1/1+2 select output terminal.
28	V DET SEL	O	VOLT-DET circuit ON/OFF terminal.
29	VOLT DET	I	VOLT-DET terminal.
30	FET CURR	I	FET current error detect terminal.
31	PWM PDN	I	PWM-PDN input terminal.
32	PWM STBY	O	PWM-STAND-BY output terminal.
33	POWER P1	O	Power supply circuit control signal output terminal.
34	POWER P2		
35	PWM MUTE	O	PWM-MUTE output terminal.
36	A-MUTE(MONO2)	O	A-MUTE signal terminal. (MONO2)
37	BAT DET	I	BAT-DET terminal.
38	I2C SDA	O	I2C-SDA output terminal.
39	I2C SCL	O	I2C-SCL output terminal.
40	VDD	I	Power supply terminal. (4.5~5.5V)
41	DSP RST	O	DSP-RESET output terminal.
42	LED COM3	O	LED common signal 3 output terminal.
43	CMD DOUT	O	Outer commander data output terminal.
44	CMD DIN	I	Outer commander data input terminal.

Electrical Parts List

Capacitor : μF=microfarads,pF=picofarads

Abbreviations

RES.= Resistor	CAP.= Capacitor
C.F.= Carbon Film	ELY.= Electrolytic
M.F.= Metal Film	CER.= Ceramic
M.O.= Metal OxideFilm	MYL.= Mylar
M.P.= Metal Plate	TAN.= Tantalum
TR. = Transistor	POLY.= Polystyrol
TRANS.= Transformer	PP. = Polypropylene
CP. = Chip	PLT.= Polyethylene
	PF. = Polyester Film

Symbol No.	Part No.	Description
Main P.W.Board		
IC's		
IC100	51T15647Y01	NJM4558V-TE2-SE2
IC101	51T25576W07	NJM4580V-TE2-SE2
IC102	51T15647Y01	NJM4558V-TE2-SE2
IC103	51T15647Y01	NJM4558V-TE2-SE2
IC104	51T45654Y01	TC94A04AFD-QF
IC105	51T35012Y01	IC, TC9246F-EL
IC200	51T15647Y01	NJM4558V-TE2-SE2
IC301	51T55104Y01	TDA7571
IC302	51T93332F01	IC,NJM2903M-TE3-SE2
IC501	51T55543Y04	OTP,TMP87PH47U-QT
IC511	51T25158Y01	IC, M24C01-WMN6T-SE2
IC521	51T15720Y18	S-80942ANMP-T2-CP
IC522	51T15720Y02	S-80943ANMP-T2-CP
IC531	51T25576W04	IC,NJM4580E(TE2)
IC532	51T55129Y01	LM20BIM7-CP
IC571	51T15185Y01	IC TC7SH08FU-TE85L
IC572	51T15185Y01	IC TC7SH08FU-TE85L
IC573	51T15185Y01	IC TC7SH08FU-TE85L
IC601	51E27890S01	IC,uPC 494GS
IC602	51T45446Y02	NJM78L05A-T3-RD
IC603	51T45288Y01	IC,NJM7808FA
IC604	51T80338F01	IC,NJM 7805FA
IC605	51T45446Y04	NJM78L12A-T3
IC606	51T45447Y03	NJM79L12A-T3
Transistors/FET's		
Q301	48E33317S01	FET, IRF5305
Q304	48E29536S01	FET, IRFZ 44N
Q401	48E33317S01	FET, IRF5305
Q404	48E29536S01	FET, IRFZ 44N
Q561	48E10426S01	TR,DTC 124EK-T146-CP
Q562	48E10426S01	TR,DTC 124EK-T146-CP
Q563	48E22092S01	TR,DTA 124EK-T146-CP
Q571	48E33332S01	TR, IMZ4 108-SMT6
Q572	48E10426S01	TR,DTC 124EK-T146-CP
Q581	48E10426S01	TR,DTC 124EK-T146-CP
Q582	48E10426S01	TR,DTC 124EK-T146-CP
Q583	48E33333S01	TR,DTC 114YK-T-106-CP
Q584	48E33333S01	TR,DTC 114YK-T-106-CP
Q601	48E29536S01	FET, IRFZ 44N
Q602	48E29536S01	FET, IRFZ 44N
Q603	48E29536S01	FET, IRFZ 44N
Q604	48E29536S01	FET, IRFZ 44N
Q663	48E33333S01	TR,DTC 114YK-T-106-CP
Q664	48E23853S01	TR,2SB 1243Q-TV4-RD
Q671	48E28010S01	TR,2SB 1238Q-TL4-RD
Q672	48E22902S01	TR,2SC2412K-Q,R,S-T146-CP
Diodes		
D101	48E10946S01	DIO,DA,204K-J-146-CP
D104	48E10946S01	DIO,DA,204K-J-146-CP
D201	48E10946S01	DIO,DA,204K-J-146-CP
D204	48E10946S01	DIO,DA,204K-J-146-CP
D301	48T68828F11	DIO,1SS133-RH
D521	48T68828F11	DIO,1SS133-RH
D562	48T15702W01	DIO,CP SB05-05-CP
D566	48E23841S01	DIO,DAP,202K-T-146-CP
D571	48E10946S01	DIO,DA,204K-J-146-CP
D572	48E10946S01	DIO,DA,204K-J-146-CP
D573	48E10946S01	DIO,DA,204K-J-146-CP
D581	48E10945S01	DIO,DAN 202K-T-146-CP
D583	48T68828F11	DIO,1SS133-RH
D601	48T84052F11	DIO SI 11ES2-TB5-R5
D603	48T84052F11	DIO SI 11ES2-TB5-R5
D801	48T65059W01	DIO,REC F10P20F
D802	48T65059W02	DIO,REC F10P20FR
ZD521	48T25766W46	DIO,ZEN HZS 15-2L-R5
ZD522	48T25801W11	DIO,ZEN,HZS 5BLL-R5
ZD523	48T25801W11	DIO,ZEN,HZS 5BLL-R5
ZD561	48T25766W24	DIO,ZEN HZS 9C1L-R5
ZD562	48T25766W24	DIO,ZEN HZS 9C1L-R5
ZD601	48T25064Y02	DIO, ZEN ZSH5MA27A-ED
ZD671	48T25766W01	DIO,ZEN,HZS 6A1L-R5
Coils		
L301	24E33319S01	CHOKE COIL T106-2(15uH)

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Symbol No.	Part No.	Description
L302	25T55559Y01	CHOKE SBC6-1R0-962
L401	24E33319S01	CHOKE COIL T106-2(15uH)
L402	25T55559Y01	CHOKE SBC6-1R0-962
L601	24E33320S01	CHOKE, TRANS 35m/m
Filters		
CF501	91T25741Y03	EMI,CNF20R102S-CP
CF571	91T25741Y03	EMI,CNF20R102S-CP
CF651	91T25741Y03	EMI,CNF20R102S-CP
CF652	91T25741Y03	EMI,CNF20R102S-CP
CF653	91T25741Y03	EMI,CNF20R102S-CP
Z101	91T15509Y08	EMI,BX1608HM102-CP
Z103	91T15509Y08	EMI,BX1608HM102-CP
Z104	91T15509Y08	EMI,BX1608HM102-CP
Z161	91T65112W04	EMI,BK2125 HS601-CP
Z162	91T65112W04	EMI,BK2125 HS601-CP
Z163	91T65112W04	EMI,BK2125 HS601-CP
Z171	91T65112W04	EMI,BK2125 HS601-CP
Z201	91T15509Y08	EMI,BX1608HM102-CP
Z203	91T15509Y08	EMI,BX1608HM102-CP
Z204	91T15509Y08	EMI,BX1608HM102-CP
Crystals		
CL501	91T45281Y04	OSC,CER CSTCR7M70-E1
XL151	91T55217Y02	XTL,NX8045GB 33.8-E5
Transformer		
T801	25E33318S01	TRANS,EI (4T/7T)
Thermistor		
TH801	48T25250Y06	TMT,ERTJ1VR223G-CP
Capacitors		
C002	08E33110S01	CAP,CER 102-K-B1H-CP
C003	08E33110S01	CAP,CER 102-K-B1H-CP
C004	08E33110S01	CAP,CER 102-K-B1H-CP
C005	08E33110S01	CAP,CER 102-K-B1H-CP
C007	08E33110S01	CAP,CER 102-K-B1H-CP
C008	08E33110S01	CAP,CER 102-K-B1H-CP
C009	08E33110S01	CAP,CER 102-K-B1H-CP

Symbol No.	Part No.	Description
C011	08E33110S01	CAP,CER 102-K-B1H-CP
C012	08E33110S01	CAP,CER 102-K-B1H-CP
C015	08E32301S01	CAP,CER 105K-B0J-CP
C021	08S45539Y04	CAP, CER 103KX7R2J-CP
C022	08S45539Y04	CAP, CER 103KX7R2J-CP
C101	08E33331S01	CAP,CER 391-J-CH1H-CP
C102	08E33331S01	CAP,CER 391-J-CH1H-CP
C103	08E33078S01	CAP,CER 681-J-SL1H-CP
C104	08E31991S01	CAP,CER 222-K-B1H-CP
C107	08E31991S01	CAP,CER 222-K-B1H-CP
C108	08E33330S01	CAP,CER 33R-J-CH1H-CP
C109	08E33330S01	CAP,CER 33R-J-CH1H-CP
C111	08E33110S01	CAP,CER 102-K-B1H-CP
C112	08E33110S01	CAP,CER 102-K-B1H-CP
C113	08E33330S01	CAP,CER 33R-J-CH1H-CP
C114	08E33330S01	CAP,CER 33R-J-CH1H-CP
C121	08E33110S01	CAP,CER 102-K-B1H-CP
C122	08E33110S01	CAP,CER 102-K-B1H-CP
C151	08E33111S01	CAP,CER 12R-J-CH1H-CP
C152	08E33111S01	CAP,CER 12R-J-CH1H-CP
C161	08E28771S01	CAP,CER 103-K-B1H-CP
C162	08E31820S01	CAP,CER 104-K-B1E-CP
C163	08E31820S01	CAP,CER 104-K-B1E-CP
C164	08E31820S01	CAP,CER 104-K-B1E-CP
C165	08E31820S01	CAP,CER 104-K-B1E-CP
C166	08E31820S01	CAP,CER 104-K-B1E-CP
C167	08E31820S01	CAP,CER 104-K-B1E-CP
C168	08E31820S01	CAP,CER 104-K-B1E-CP
C169	08E31820S01	CAP,CER 104-K-B1E-CP
C171	08E33354S01	CAP,MYL,123-J-RD(5.6*12)
C172	08E28771S01	CAP,CER 103-K-B1H-CP
C173	08E31888S01	CAP, MF 474-J-63V-RD
C174	08E31820S01	CAP,CER 104-K-B1E-CP
C175	08E31820S01	CAP,CER 104-K-B1E-CP
C201	08E33331S01	CAP,CER 391-J-CH1H-CP
C202	08E33331S01	CAP,CER 391-J-CH1H-CP
C203	08E33078S01	CAP,CER 681-J-SL1H-CP
C204	08E31991S01	CAP,CER 222-K-B1H-CP
C207	08E31991S01	CAP,CER 222-K-B1H-CP
C208	08E33330S01	CAP,CER 33R-J-CH1H-CP
C209	08E33330S01	CAP,CER 33R-J-CH1H-CP
C210	08E33330S01	CAP,CER 33R-J-CH1H-CP
C211	08E33110S01	CAP,CER 102-K-B1H-CP
C212	08E33110S01	CAP,CER 102-K-B1H-CP
C213	08E33330S01	CAP,CER 33R-J-CH1H-CP
C214	08E33330S01	CAP,CER 33R-J-CH1H-CP
C221	08E33110S01	CAP,CER 102-K-B1H-CP
C222	08E33110S01	CAP,CER 102-K-B1H-CP
C301	08E31888S01	CAP, MF 474-J-63V-RD

Symbol No.	Part No.	Description
C302	08E33316S01	CAP MMH 105-J-M(100V)
C303	08E33110S01	CAP,CER 102-K-B1H-CP
C304	08S55504Y01	CAP,CER 334 MX7R2A-CP
C305	08E33110S01	CAP,CER 102-K-B1H-CP
C306	08E33110S01	CAP,CER 102-K-B1H-CP
C307	08S45539Y01	CAP,CER 102KX7R2J-CP
C321	08E31991S01	CAP,CER 222-K-B1H-CP
C350	08E28771S01	CAP,CER 103-K-B1H-CP
C351	08E26532S01	CAP,CER.21-X7R-104-K-CP
C352	08E26532S01	CAP,CER.21-X7R-104-K-CP
C353	08E26532S01	CAP,CER.21-X7R-104-K-CP
C354	08E26532S01	CAP,CER.21-X7R-104-K-CP
C355	08E26532S01	CAP,CER.21-X7R-104-K-CP
C356	08E26532S01	CAP,CER.21-X7R-104-K-CP
C357	08E31820S01	CAP,CER 104-K-B1E-CP
C359	08E26532S01	CAP,CER.21-X7R-104-K-CP
C360	08E33338S01	CAP,CER.31-X7R-224-K-CP
C371	08E33110S01	CAP,CER 102-K-B1H-CP
C372	08E33110S01	CAP,CER 102-K-B1H-CP
C401	08E31888S01	CAP, MF 474-J-63V-RD
C402	08E33316S01	CAP MMH 105-J-M(100V)
C403	08E33110S01	CAP,CER 102-K-B1H-CP
C404	08S55504Y01	CAP,CER 334 MX7R2A-CP
C405	08E33110S01	CAP,CER 102-K-B1H-CP
C406	08E33110S01	CAP,CER 102-K-B1H-CP
C407	08S45539Y01	CAP,CER 102KX7R2J-CP
C421	08E31991S01	CAP,CER 222-K-B1H-CP
C500	08E31820S01	CAP,CER 104-K-B1E-CP
C503	08E31820S01	CAP,CER 104-K-B1E-CP
C504	08E33110S01	CAP,CER 102-K-B1H-CP
C505	08E31820S01	CAP,CER 104-K-B1E-CP
C506	08E31820S01	CAP,CER 104-K-B1E-CP
C507	08E31820S01	CAP,CER 104-K-B1E-CP
C508	08E31820S01	CAP,CER 104-K-B1E-CP
C509	08E31820S01	CAP,CER 104-K-B1E-CP
C513	08E31820S01	CAP,CER 104-K-B1E-CP
C521	08E32300S01	CAP,CER 682-K-B1H-CP
C522	08E31820S01	CAP,CER 104-K-B1E-CP
C523	08E31170S01	CAP,CER 223-K-B1H-CP
C524	08E28771S01	CAP,CER 103-K-B1H-CP
C531	08E31820S01	CAP,CER 104-K-B1E-CP
C532	08E28771S01	CAP,CER 103-K-B1H-CP
C533	08E33110S01	CAP,CER 102-K-B1H-CP
C541	08E28771S01	CAP,CER 103-K-B1H-CP
C571	08E28771S01	CAP,CER 103-K-B1H-CP
C572	08E28771S01	CAP,CER 103-K-B1H-CP
C573	08E28771S01	CAP,CER 103-K-B1H-CP
C574	08E32056S01	CAP,CER 101-J-CH1H-CP
C575	08E32056S01	CAP,CER 101-J-CH1H-CP

Symbol No.	Part No.	Description
C576	08E32056S01	CAP,CER 101-J-CH1H-CP
C577	08E31820S01	CAP,CER 104-K-B1E-CP
C578	08E31820S01	CAP,CER 104-K-B1E-CP
C579	08E31820S01	CAP,CER 104-K-B1E-CP
C601	08E31021S01	CAP, MF 154-J-63V-RD
C603	08E33353S01	CAP,MYL,223-J-RD(7.1*12)
C604	08E33353S01	CAP,MYL,223-J-RD(7.1*12)
C611	08E33355S01	CAP,TF,AMCS 822-J-RD
C612	08E31991S01	CAP,CER 222-K-B1H-CP
C671	08E33110S01	CAP,CER 102-K-B1H-CP
C801	08E32209S01	CAP,CER 153-K-B1H-CP
C802	08E32209S01	CAP,CER 153-K-B1H-CP
C803	08E26532S01	CAP,CER.21-X7R-104-K-CP
C804	08E26532S01	CAP,CER.21-X7R-104-K-CP
C805	08E26532S01	CAP,CER.21-X7R-104-K-CP
C806	08E31820S01	CAP,CER 104-K-B1E-CP
C807	08E31820S01	CAP,CER 104-K-B1E-CP
C811	08E31820S01	CAP,CER 104-K-B1E-CP
C812	08E31820S01	CAP,CER 104-K-B1E-CP
C813	08E31820S01	CAP,CER 104-K-B1E-CP
C814	08E31820S01	CAP,CER 104-K-B1E-CP
C5320	08E28771S01	CAP,CER 103-K-B1H-CP
C5330	08E33110S01	CAP,CER 102-K-B1H-CP
E101	23E33350S01	CAP,ELEC,SHL 10/50-M-RD
E102	23E33350S01	CAP,ELEC,SHL 10/50-M-RD
E103	23E33350S01	CAP,ELEC,SHL 10/50-M-RD
E106	23E33350S01	CAP,ELEC,SHL 10/50-M-RD
E121	23E33348S01	CAP,ELEC,SHL 47/25-M-RD
E201	23E33350S01	CAP,ELEC,SHL 10/50-M-RD
E202	23E33350S01	CAP,ELEC,SHL 10/50-M-RD
E203	23E33350S01	CAP,ELEC,SHL 10/50-M-RD
E206	23E33350S01	CAP,ELEC,SHL 10/50-M-RD
E221	23E33348S01	CAP,ELEC,SHL 47/25-M-RD
E301	23T55558Y01	CAP,BT 33R-1H-R5
E302	23T55558Y01	CAP,BT 33R-1H-R5
E331	23E33341S01	CAP KMG 1/50-M-RD-2.5
E361	23E33341S01	CAP KMG 1/50-M-RD-2.5
E362	23E33341S01	CAP KMG 1/50-M-RD-2.5
E401	23T55558Y01	CAP,BT 33R-1H-R5
E402	23T55558Y01	CAP,BT 33R-1H-R5
E501	23E33351S01	CAP,ELEC,SHL 22/50-M-RD
E573	23E33349S01	CAP,ELEC,SHL 4.7/50-M-RD
E603	23E33346S01	CAP,ELEC,SHL 100/16-M-RD
E604	23E33351S01	CAP,ELEC,SHL 22/50-M-RD
E605	23E33348S01	CAP,ELEC,SHL 47/25-M-RD
E641	23E33352S01	CAP,ELEC,470/16-M-RD
E642	23E33345S01	CAP,ELEC,SHL 470/10-M-RD
E652	23E33343S01	CAP KMG 100/16-M-RD-2.5
E653	23E33343S01	CAP KMG 100/16-M-RD-2.5

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Symbol No.	Part No.	Description
E654	23E33343S01	CAP KMG 100/16-M-RD-2.5
E661	23E33352S01	CAP, ELEC, 470/16-M-RD
E662	23E33343S01	CAP KMG 100/16-M-RD-2.5
E801	23E33315S01	CAP ELEC KMG 4700/25-M
E802	23E33315S01	CAP ELEC KMG 4700/25-M
E803	23E33315S01	CAP ELEC KMG 4700/25-M
E804	23E33315S01	CAP ELEC KMG 4700/25-M
E809	23E33344S01	CAP KMG 22/50-M-RD-2.5
E810	23E33344S01	CAP KMG 22/50-M-RD-2.5
E811	23E33342S01	CAP KMG 10/100-M-RD-2.5
E813	23E33347S01	CAP, ELEC, SHL 220/16-M-RD
E814	23E33347S01	CAP, ELEC, SHL 220/16-M-RD
E815	23E33351S01	CAP, ELEC, SHL 22/50-M-RD
E816	23E33351S01	CAP, ELEC, SHL 22/50-M-RD
E817	23E33351S01	CAP, ELEC, SHL 22/50-M-RD
E818	23E33351S01	CAP, ELEC, SHL 22/50-M-RD
E6001	23T25139Y01	CAP, PW 392 1C
E6002	23T25139Y01	CAP, PW 392 1C
Resistors		
C309	06E28624S01	RES, CF, 0R0-J-1/16-CP
C310	06E28624S01	RES, CF, 0R0-J-1/16-CP
C409	06E28624S01	RES, CF, 0R0-J-1/16-CP
C410	06E28624S01	RES, CF, 0R0-J-1/16-CP
R003	06E28624S01	RES, CF, 0R0-J-1/16-CP
R101	06S15593Y84	RES, RK 303F 1/10-CP
R102	06S15593Y84	RES, RK 303F 1/10-CP
R103	06S15593Y87	RES, RK, 393F1/10-CP
R104	06S15593Y87	RES, RK, 393F1/10-CP
R105	06E28537S01	RES, CF, 104-J-1/16-CP
R106	06E28795S01	RES, CF, 333-J-1/16-CP
R107	06E28795S01	RES, CF, 333-J-1/16-CP
R108	06E31148S01	RES, CF, 101-J-1/16-CP
R109	06E28534S01	RES, CF, 103-J-1/16-CP
R111	06E28797S01	RES, CF, 474-J-1/16-CP
R112	06E31154S01	RES, CF, 272-J-1/16-CP
R113	06E32035S01	RES, CF, 113-J-1/16-CP
R114	06E31148S01	RES, CF, 101-J-1/16-CP
R115	06E22074S01	RES, CF, 102-J-1/4-CP
R118	06E28622S01	RES, CF, 682-J-1/16-CP
R122	06E28789S01	RES, CF, 362-J-1/16-CP
R123	06E31156S01	RES, CF, 512-J-1/16-CP
R126	06E31156S01	RES, CF, 512-J-1/16-CP
R131	06E28533S01	RES, CF, 102-J-1/16-CP
R132	06E28533S01	RES, CF, 102-J-1/16-CP
R133	06E28537S01	RES, CF, 104-J-1/16-CP
R134	06E28537S01	RES, CF, 104-J-1/16-CP

Symbol No.	Part No.	Description
R151	06E31685S01	RES, CF, 105-J-1/16-CP
R152	06E28533S01	RES, CF, 102-J-1/16-CP
R161	06E28533S01	RES, CF, 102-J-1/16-CP
R162	06E31160S01	RES, CF, 473-J-1/16-CP
R163	06E28624S01	RES, CF, 0R0-J-1/16-CP
R171	06E31174S01	RES, CF, 332-J-1/16-CP
R172	06E32201S01	RES, CF, 391-J-1/16-CP
R173	06E31148S01	RES, CF, 101-J-1/16-CP
R201	06S15593Y84	RES, RK 303F 1/10-CP
R202	06S15593Y84	RES, RK 303F 1/10-CP
R203	06S15593Y87	RES, RK, 393F1/10-CP
R204	06S15593Y87	RES, RK, 393F1/10-CP
R205	06E28537S01	RES, CF, 104-J-1/16-CP
R206	06E28795S01	RES, CF, 333-J-1/16-CP
R207	06E28795S01	RES, CF, 333-J-1/16-CP
R208	06E31148S01	RES, CF, 101-J-1/16-CP
R209	06E28534S01	RES, CF, 103-J-1/16-CP
R211	06E28797S01	RES, CF, 474-J-1/16-CP
R212	06E31154S01	RES, CF, 272-J-1/16-CP
R213	06E32035S01	RES, CF, 113-J-1/16-CP
R214	06E31148S01	RES, CF, 101-J-1/16-CP
R215	06E22074S01	RES, CF, 102-J-1/4-CP
R218	06E28622S01	RES, CF, 682-J-1/16-CP
R222	06E28789S01	RES, CF, 362-J-1/16-CP
R223	06E31156S01	RES, CF, 512-J-1/16-CP
R226	06E31156S01	RES, CF, 512-J-1/16-CP
R231	06E28533S01	RES, CF, 102-J-1/16-CP
R232	06E28533S01	RES, CF, 102-J-1/16-CP
R233	06E28537S01	RES, CF, 104-J-1/16-CP
R234	06E28537S01	RES, CF, 104-J-1/16-CP
R301	06E33312S01	RES, MO, 10-J-2W-S
R302	06E33313S01	RES, MO, 27-J-2W-S
R304	06E33314S01	RES RW 0.01R-J-5W
R305	06E31148S01	RES, CF, 101-J-1/16-CP
R306	06E31148S01	RES, CF, 101-J-1/16-CP
R313	06E33336S01	RES, CF, 24R-J-1/16-CP
R314	06E33336S01	RES, CF, 24R-J-1/16-CP
R315	06E27916S01	RES. CF, 12R-J-1/4-CP
R316	06E27916S01	RES. CF, 12R-J-1/4-CP
R317	06S45348Y06	RES, RK 302F1/4-CP
R318	06S15593Y49	RES, RK, 102F1/10-CP
R319	06E28537S01	RES, CF, 104-J-1/16-CP
R320	06E28537S01	RES, CF, 104-J-1/16-CP
R321	06E32036S01	RES, CF, 114-J-1/16-CP
R322	06E31152S01	RES, CF, 152-J-1/16-CP
R323	06E28534S01	RES, CF, 103-J-1/16-CP
R324	06E31160S01	RES, CF, 473-J-1/16-CP
R325	06E28788S01	RES, CF, 122-J-1/16-CP
R326	06E28534S01	RES, CF, 103-J-1/16-CP

Symbol No.	Part No.	Description
R331	06E22115S01	RES, CF, 101-J-1/4-CP
R354	06E28534S01	RES, CF, 103-J-1/16-CP
R356	06E28534S01	RES, CF, 103-J-1/16-CP
R358	06E28534S01	RES, CF, 103-J-1/16-CP
R359	06E31174S01	RES, CF, 332-J-1/16-CP
R371	06E28534S01	RES, CF, 103-J-1/16-CP
R372	06E33329S01	RES, CF, 511-J-1/16-CP
R401	06E33312S01	RES, MO, 10-J-2W-S
R402	06E33313S01	RES, MO, 27-J-2W-S
R404	06E33314S01	RES RW 0.01R-J-5W
R405	06E31148S01	RES, CF, 101-J-1/16-CP
R406	06E31148S01	RES, CF, 101-J-1/16-CP
R413	06E33336S01	RES, CF, 24R-J-1/16-CP
R414	06E33336S01	RES, CF, 24R-J-1/16-CP
R415	06E27916S01	RES. CF, 12R-J-1/4-CP
R416	06E27916S01	RES. CF, 12R-J-1/4-CP
R417	06S45348Y06	RES, RK 302F1/4-CP
R418	06S15593Y49	RES, RK, 102F1/10-CP
R419	06E28537S01	RES, CF, 104-J-1/16-CP
R420	06E28537S01	RES, CF, 104-J-1/16-CP
R421	06E32036S01	RES, CF, 114-J-1/16-CP
R422	06E31152S01	RES, CF, 152-J-1/16-CP
R423	06E28534S01	RES, CF, 103-J-1/16-CP
R424	06E31160S01	RES, CF, 473-J-1/16-CP
R502	06E28537S01	RES, CF, 104-J-1/16-CP
R504	06E31160S01	RES, CF, 473-J-1/16-CP
R505	06E28534S01	RES, CF, 103-J-1/16-CP
R506	06E28534S01	RES, CF, 103-J-1/16-CP
R507	06E31175S01	RES, CF, 822-J-1/16-CP
R508	06S15593Y73	RES, RK 103F 1/10-CP
R509	06E31160S01	RES, CF, 473-J-1/16-CP
R510	06E31160S01	RES, CF, 473-J-1/16-CP
R511	06E28534S01	RES, CF, 103-J-1/16-CP
R512	06E28534S01	RES, CF, 103-J-1/16-CP
R515	06E28537S01	RES, CF, 104-J-1/16-CP
R516	06E28537S01	RES, CF, 104-J-1/16-CP
R517	06E28533S01	RES, CF, 102-J-1/16-CP
R518	06E28537S01	RES, CF, 104-J-1/16-CP
R519	06E31149S01	RES, CF, 221-J-1/16-CP
R521	06E28534S01	RES, CF, 103-J-1/16-CP
R522	06E28624S01	RES, CF, 0R0-J-1/16-CP
R523	06E28624S01	RES, CF, 0R0-J-1/16-CP
R524	06E24363S01	RES, CF, 472-J-1/4-CP
R525	06S15593Y87	RES, RK, 393F1/10-CP
R526	06S15593Y91	RES, RK, 563F1/10-CP
R527	06E28534S01	RES, CF, 103-J-1/16-CP
R528	06E28549S01	RES, CF, 472-J-1/16-CP
R531	06E28533S01	RES, CF, 102-J-1/16-CP
R532	06E31160S01	RES, CF, 473-J-1/16-CP

Symbol No.	Part No.	Description
R533	06S15593Y91	RES, RK, 563F1/10-CP
R534	06E28624S01	RES, CF, 0R0-J-1/16-CP
R535	06S15593Y49	RES, RK, 102F1/10-CP
R536	06E32034S01	RES, CF, 202-J-1/16-CP
R541	06S15593Y63	RES, RK 392F-1/10-CP
R542	06S15593Y52	RES, RK 132F-1/10-CP
R561	06E28534S01	RES, CF, 103-J-1/16-CP
R562	06E28624S01	RES, CF, 0R0-J-1/16-CP
R571	06E28548S01	RES, CF, 471-J-1/16-CP
R572	06E28537S01	RES, CF, 104-J-1/16-CP
R573	06E22076S01	RES, CF, 222-J-1/4-CP
R585	06E28534S01	RES, CF, 103-J-1/16-CP
R586	06E28534S01	RES, CF, 103-J-1/16-CP
R587	06E28534S01	RES, CF, 103-J-1/16-CP
R588	06E28537S01	RES, CF, 104-J-1/16-CP
R589	06E28537S01	RES, CF, 104-J-1/16-CP
R590	06E20547S01	RES, CF, 561-J-1/4-CP
R591	06E22548S01	RES, CF, 471-J-1/4-CP
R592	06E20547S01	RES, CF, 561-J-1/4-CP
R593	06E22548S01	RES, CF, 471-J-1/4-CP
R594	06E22074S01	RES, CF, 102-J-1/4-CP
R595	06E28534S01	RES, CF, 103-J-1/16-CP
R596	06E28534S01	RES, CF, 103-J-1/16-CP
R597	06E28534S01	RES, CF, 103-J-1/16-CP
R598	06E28537S01	RES, CF, 104-J-1/16-CP
R599	06E28533S01	RES, CF, 102-J-1/16-CP
R601	06E33339S01	RES MO 1W 100J-RD
R602	06E33339S01	RES MO 1W 100J-RD
R603	06E33340S01	RES MO-221-J-1W-RD
R604	06E33340S01	RES MO-221-J-1W-RD
R605	06E22071S01	RES, CF 10R-J-1/4-CP
R606	06E22071S01	RES, CF 10R-J-1/4-CP
R607	06E22071S01	RES, CF 10R-J-1/4-CP
R608	06E22071S01	RES, CF 10R-J-1/4-CP
R609	06E33340S01	RES MO-221-J-1W-RD
R610	06E33340S01	RES MO-221-J-1W-RD
R611	06E31153S01	RES, CF, 222-J-1/16-CP
R612	06E28534S01	RES, CF, 103-J-1/16-CP
R613	06S15593Y07	RES, RK 244F-1/10-CP
R614	06E31158S01	RES, CF, 243-J-1/16-CP
R615	06S15593Y60	RES, RK 302F 1/10-CP
R616	06S15593Y81	RES RK 223F 1/10-CP
R617	06E31806S01	RES, CF, 244-J-1/16-CP
R618	06S15593Y62	RES, RK 362F-1/10-CP
R621	06S15593Y91	RES, RK, 563F1/10-CP
R622	06S15593Y53	RES, RK 152F 1/10-CP
R653	06E28549S01	RES, CF, 472-J-1/16-CP
R661	06E23597S01	RES, CF, 182-J-1/4-CP
R662	06E23597S01	RES, CF, 182-J-1/4-CP

Symbol No.	Part No.	Description
R663	06E23597S01	RES, CF, 182-J-1/4-CP
R664	06E23597S01	RES, CF, 182-J-1/4-CP
R670	06E33335S01	RES, CF, 303-J-1/4-CP
R671	06E31159S01	RES, CF, 303-J-1/16-CP
R672	06E31160S01	RES, CF, 473-J-1/16-CP
R673	06E31182S01	RES, CF, 302-J-1/4-CP
R5310	06E28533S01	RES, CF, 102-J-1/16-CP
R5320	06E31160S01	RES, CF, 473-J-1/16-CP
R5330	06E28550S01	RES, CF, 433-J-1/16-CP
R5340	06E28624S01	RES, CF, 0R0-J-1/16-CP
R5350	06E28533S01	RES, CF, 102-J-1/16-CP
Z102	06E33337S01	RES, CF, 201-J-1/16-CP
Z164	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z172	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z173	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z202	06E33337S01	RES, CF, 201-J-1/16-CP
Z351	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z501	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z504	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z505	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z506	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z507	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z508	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z509	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z510	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z511	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z512	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z513	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z514	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z515	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z516	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z517	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z571	06E20905S01	RES, CF, 0R0-J-1/10-CP
Z572	06E28624S01	RES, CF, 0R0-J-1/16-CP
Z573	06E20905S01	RES, CF, 0R0-J-1/10-CP
Z574	06E20905S01	RES, CF, 0R0-J-1/10-CP
Z575	06E20905S01	RES, CF, 0R0-J-1/10-CP

Connector

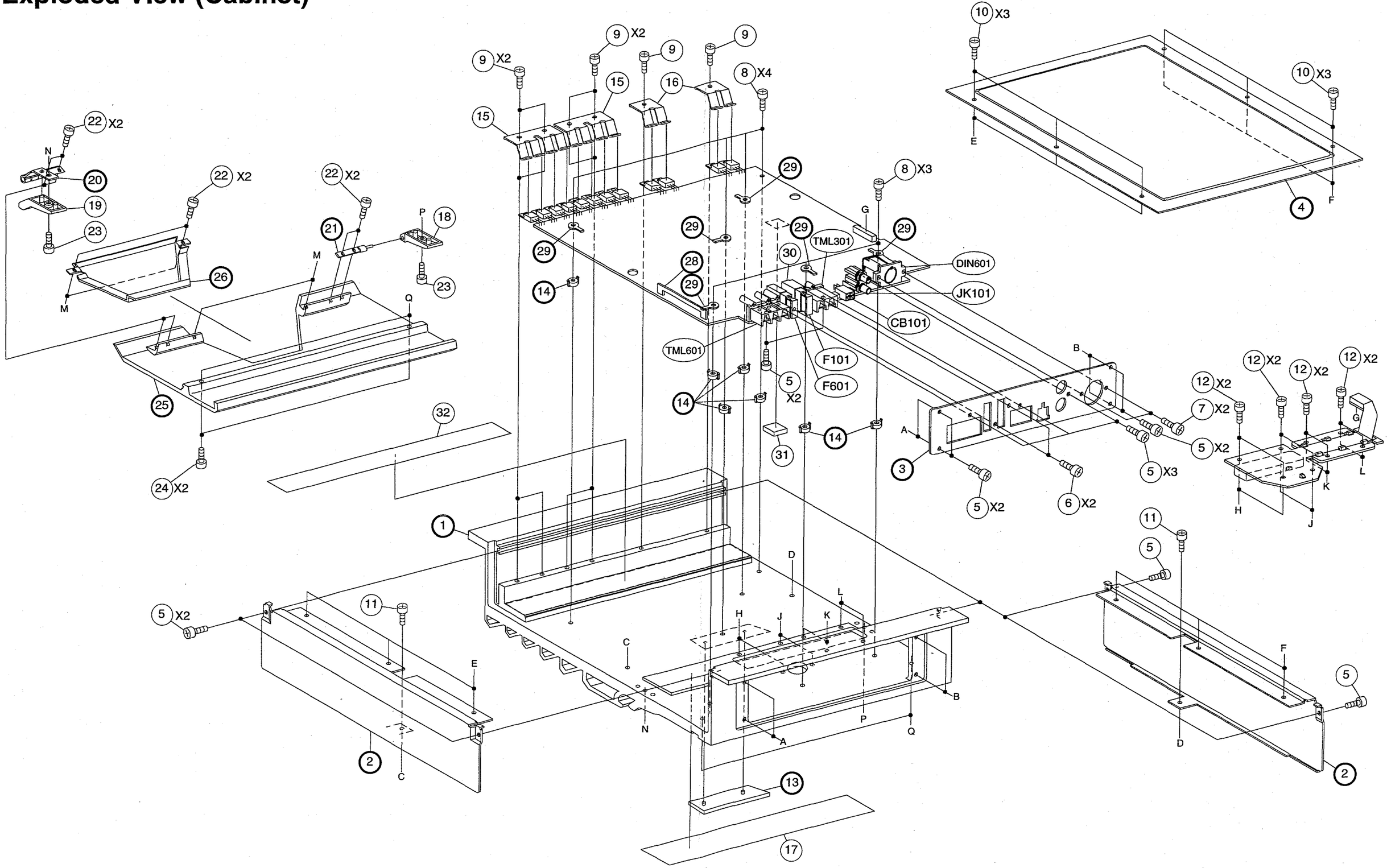
CB601	09E33334S01	FPC CONNECTOR SMT 52610-1690

Symbol No.	Part No.	Description

Miscellaneous

CB101	09E23915S01	TERM HOU 5569-4A1 (SPEAKER LEVEL INPUT-CH-1/CH-2)
DIN601	09E33321S01	7P DIN SOCKET SCREW TYPE (CONTROLLER)
F101	65E25313S01	FUSE, AUTO 20A (257020) (For Battery Line)
F602	65E25313S01	FUSE, AUTO 20A (257020) (For Battery Line)
JK101	09E33322S01	RCA JACK 02P (INPUT-CH-1/CH-2)
TML301	09E33323S01	BLOCK TERMINAL 2P (SPEAKER OUTPUT)
TML601	09E32028S01	FUSE TERMINAL 3P (POWER SUPPLY)

Exploded View (Cabinet)



Cabinet Assembly Parts List

NOTE:Parts without part number are not supplied.

Symbol No.	Index	Part No.	Description
5		03E09416S10	SCR M3X8(P)TPG-TPT(BLK)
6		03E23705S01	SCR M2X6(P)TPG-TPT(BLK)
7		03E33356S01	SCR M2.6X8(P) MCH(BLK)
8		03E29347S01	SCR M3X11(W)TPG-TPT(YEL)
9		03E33357S01	SCR M3X7(B)TPG-TPT(BLK)
10		03E09417S01	SCR M2.6X5(B)MCH-TPT (WHT)
11		03E09417S08	SCR M3X5(B)TPG-TPT(BLK)
12		03E33358S01	SCR M3X6(S)TPG-TPT(YEL)
15		07E33359S01	BKT,TR(A)
16		07E33360S01	BKT,TR(D)
17		64E33361S01	SHEET,MONO(A)
18		15E33362S01	COVER,SHAFT
19		15E33363S01	COVER,HINGE(R)
22		03E28022S01	SCR M2.6X6(B)TPG-TPT(WHT)
23		03E20077S01	SCR M3X6(B)TPG-TPT(BLK)
24		03E33366S01	WRENCH BOLT M3X12(WHT)
30		15E27865S01	FUSE HOLDER
31		75T55561Y01	CUSHION CONDUCTION
32		75E33310S01	SIL PAD 800SAC(160X23)

Symbol No.	Index	Part No.	Description